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Lee, E.K.; Gallagher, R.J.; Campbell, A.M.; Prausnitz, M.R.;
 Biomedical Engineering, IEEE Transactions on , Volume: 51 , Issue: 1 , Jan. 2004
 Pages:82 - 89

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) **IEEE JNL****2 Using logic for protein structure prediction**

Muggleton, S.; King, R.D.; Sternberg, M.J.E.;
 System Sciences, 1992. Proceedings of the Twenty-Fifth Hawaii International Conference on , Volume: i , 7-10 Jan. 1992
 Pages:685 - 696 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(924 KB\)\]](#) **IEEE CNF****3 A parallel genetic algorithm for rule discovery in large databases**

Alves de Araujo, D.L.; Lopes, H.S.; Freitas, A.A.;
 Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. 1999 IEEE International Conference on , Volume: 3 , 12-15 Oct. 1999
 Pages:940 - 945 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) **IEEE CNF****4 Technical trading rules as a prior knowledge to a neural networks prediction system for the S&P 500 index**

Chenoweth, T.; Obradović, Z.; Lee, S.;
 Northcon 95. I IEEE Technical Applications Conference and Workshops
 Northcon95 , 10-12 Oct. 1995
 Pages:111

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) **IEEE CNF****5 Prediction method with the variable threshold based on fuzzy**

association rules

Bao-Wen Xu; Jian-Jiang Lu;

Machine Learning and Cybernetics, 2003 International Conference on , Volume:

4 , 2-5 Nov. 2003

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[\[Abstract\]](#) [\[PDF Full-Text \(374 KB\)\]](#) [IEEE CNF](#)

6 Three machine learning techniques for automatic determination of rules to control locomotion

Jonic, S.; Jankovic, T.; Gajic, V.; Popvic, D.;

Biomedical Engineering, IEEE Transactions on , Volume: 46 , Issue: 3 , March 1999

Pages:300 - 310

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) [IEEE JNL](#)

7 Grinding process control through monitoring and machine learning

Junkar, M.; Filipic, B.;

Factory 2000, 1992. 'Competitive Performance Through Advanced Technology',

Third International Conference on (Conf. Publ. No. 359) , 27-29 Jul 1992

Pages:77 - 80

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) [IEE CNF](#)

8 Machine learning for prediction of muscle activations for a rule-based controller

Jonic, S.; Popovic, D.;

Engineering in Medicine and Biology society, 1997. Proceedings of the 19th Annual International Conference of the IEEE , Volume: 4 , 30 Oct.-2 Nov. 1997

Pages:1781 - 1784 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(356 KB\)\]](#) [IEEE CNF](#)

9 The low prediction accuracy problem in learning

Dai, H.;

Intelligent Information Systems,1994. Proceedings of the 1994 Second Australian and New Zealand Conference on , 29 Nov.-2 Dec. 1994

Pages:367 - 371

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) [IEEE CNF](#)

10 Run-time autotuning of a robot controller using a genetics based machine learning control scheme

Kelemen, A.; Imecs, M.; Rusu, C.; Kis, Z.;

Genetic Algorithms in Engineering Systems: Innovations and Applications, 1995.

GALESIA. First International Conference on (Conf. Publ. No. 446) , 12-14 Sep 1995

Pages:307 - 312

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) [IEE CNF](#)

11 Stock market time series data mining based on regularized neural network and rough set

Xiao-Ye Wang; Zheng-Ou Wang;

Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 1 , 4-5 Nov. 2002

Pages:315 - 318 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) [IEEE CNF](#)

12 Computational Intelligence Methods for Rule-Based Data Understanding

Duch, W.; Setiono, R.; Zurada, J.M.;

Proceedings of the IEEE , Volume: 92 , Issue: 5 , May 2004

Pages:771 - 805

[\[Abstract\]](#) [\[PDF Full-Text \(1120 KB\)\]](#) [IEEE JNL](#)

13 Using machine-learning methods for musical style modeling

Dubnov, S.; Assayag, G.; Lartillot, O.; Bejerano, G.;

Computer , Volume: 36 , Issue: 10 , Oct. 2003

Pages:73 - 80

[\[Abstract\]](#) [\[PDF Full-Text \(575 KB\)\]](#) [IEEE JNL](#)

14 Comparing software prediction techniques using simulation

Shepperd, M.; Kadoda, G.;

Software Engineering, IEEE Transactions on , Volume: 27 , Issue: 11 , Nov. 2001

Pages:1014 - 1022

[\[Abstract\]](#) [\[PDF Full-Text \(294 KB\)\]](#) [IEEE JNL](#)

15 Cascade ARTMAP: integrating neural computation and symbolic knowledge processing

Ab-Hwee Tan;

Neural Networks, IEEE Transactions on , Volume: 8 , Issue: 2 , March 1997

Pages:237 - 250

[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) [IEEE JNL](#)

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1 Fuzzy case-based reasoning: weather prediction

Kan Li; Yu-Shu Liu;

Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 1 , 4-5 Nov. 2002

Pages:107 - 110 vol.1

[Abstract] [PDF Full-Text (329 KB)] IEEE CNF

2 Application of critical support vector machine to time series prediction

Raicharoen, T.; Lursinsap, C.; Sanguanbhokai, P.;

Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International Symposium on , Volume: 5 , 25-28 May 2003

Pages:V-741 - V-744 vol.5

[Abstract] [PDF Full-Text (318 KB)] IEEE CNF

3 Comparing software prediction techniques using simulation

Shepperd, M.; Kadoda, G.;

Software Engineering, IEEE Transactions on , Volume: 27 , Issue: 11 , Nov. 2001

Pages:1014 - 1022

[Abstract] [PDF Full-Text (294 KB)] IEEE JNL

4 Application of rough set theory and artificial neural network for load forecasting

Qiu-Dan Li; Zhong-Xian Chi; Wen-Bing Shi;

Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 3 , 4-5 Nov. 2002

Pages:1148 - 1152 vol.3

[Abstract] [PDF Full-Text (407 KB)] IEEE CNF

5 An algorithm based on improved Bayesian inference network model for prediction protein secondary structure

Guo-Hui Yang; Chun-Guang Zhou; Cheng-Quan Hu; Zhe-Zhou Yu;
Machine Learning and Cybernetics, 2003 International Conference on , Volume:
3 , 2-5 Nov. 2003
Pages:1500 - 1504 Vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(394 KB\)\]](#) [IEEE CNF](#)

6 A supervised machine learning algorithm for arrhythmia analysis

Guvenir, H.A.; Acar, B.; Demiroz, G.; Cekin, A.;
Computers in Cardiology 1997 , 7-10 Sept. 1997
Pages:433 - 436

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) [IEEE CNF](#)

7 Automatic document metadata extraction using support vector machines

Hui Han; Giles, C.L.; Manavoglu, E.; Hongyuan Zha; Zhenyue Zhang; Fox, E.A.;
Digital Libraries, 2003. Proceedings. 2003 Joint Conference on , 27-31 May 2003
Pages:37 - 48

[\[Abstract\]](#) [\[PDF Full-Text \(379 KB\)\]](#) [IEEE CNF](#)



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1 Improving the performance of multi-class SVMs in face recognition with nearest neighbor rule

Chang-Hun Lee; Sung-Wook Park; Weide Chang; Jong-Wook Park;
Tools with Artificial Intelligence, 2003. Proceedings. 15th IEEE International Conference on , 3-5 Nov. 2003

Pages:411 - 415

[Abstract] [PDF Full-Text (445 KB)] IEEE CNF

2 K-nearest neighbor and C4.5 algorithms as data mining methods: advantages and difficulties

Yahia, M.E.; Ibrahim, B.A.;
Computer Systems and Applications, 2003. Book of Abstracts. ACS/IEEE International Conference on , 14-18 July 2003
Pages:103

[Abstract] [PDF Full-Text (153 KB)] IEEE CNF

3 Incremental learning with sample queries

Ratsaby, J.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 20 , Issue: 8 , Aug. 1998
Pages:883 - 888

[Abstract] [PDF Full-Text (116 KB)] IEEE JNL

4 A quick evidential classification algorithm based on k-nearest neighbor rule

Zhuang Wang; Wei-Dong Hu; Wen-Xian Yu;
Machine Learning and Cybernetics, 2003 International Conference on , Volume: 5 , 2-5 Nov. 2003
Pages:3248 - 3252 Vol.5

[Abstract] [PDF Full-Text (421 KB)] IEEE CNF

5 Principal manifolds and probabilistic subspaces for visual recognition

Moghaddam, B.;

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:

24 , Issue: 6 , June 2002

Pages:780 - 788

[Abstract] [PDF Full-Text (604 KB)] IEEE JNL

6 Comparing software prediction techniques using simulation

Shepperd, M.; Kadoda, G.;

Software Engineering, IEEE Transactions on , Volume: 27 , Issue: 11 , Nov. 2001

Pages:1014 - 1022

[Abstract] [PDF Full-Text (294 KB)] IEEE JNL

7 ID3-derived fuzzy rules and optimized defuzzification for handwritten numeral recognition

Zheru Chi; Hong Yan;

Fuzzy Systems, IEEE Transactions on , Volume: 4 , Issue: 1 , Feb. 1996

Pages:24 - 31

[Abstract] [PDF Full-Text (808 KB)] IEEE JNL

8 LDA/SVM driven nearest neighbor classification

Jing Peng; Heisterkamp, D.R.; Dai, H.K.;

Computer Vision and Pattern Recognition, 2001. CVPR 2001. Proceedings of the

2001 IEEE Computer Society Conference on , Volume: 1 , 8-14 Dec. 2001

Pages:I-58 - I-63 vol.1

[Abstract] [PDF Full-Text (670 KB)] IEEE CNF

9 A hybrid approach to the profile creation and intrusion detection

Marin, J.; Ragsdale, D.; Sirdu, J.;

DARPA Information Survivability Conference & Exposition II, 2001. DISCEX '01.

Proceedings , Volume: 1 , 12-14 June 2001

Pages:69 - 76 vol.1

[Abstract] [PDF Full-Text (600 KB)] IEEE CNF

10 A decentralized algorithm for learning in adaptable networks

Akingbehin, K.;

Neural Networks, 1988., IEEE International Conference on , 24-27 July 1988

Pages:409 - 416 vol.1

[Abstract] [PDF Full-Text (308 KB)] IEEE CNF

11 Fast minimization of structural risk by nearest neighbor rule

Karacali, B.; Krim, H.;

Neural Networks, IEEE Transactions on , Volume: 14 , Issue: 1 , Jan. 2003

Pages:127 - 137

[Abstract] [PDF Full-Text (859 KB)] IEEE JNL

12 Using fuzzy methods to model nearest neighbor rules

Yager, R.R.;

Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 32 , Issue:

4 , Aug. 2002
Pages:512 - 525

[\[Abstract\]](#) [\[PDF Full-Text \(478 KB\)\]](#) [IEEE JNL](#)

13 LDA/SVM driven nearest neighbor classification

Jing Peng; Heisterkamp, D.R.; Dai, H.K.;
Neural Networks, IEEE Transactions on , Volume: 14 , Issue: 4 , July 2003
Pages:940 - 942

[\[Abstract\]](#) [\[PDF Full-Text \(239 KB\)\]](#) [IEEE JNL](#)

14 Data compression and local metrics for nearest neighbor classification

Ricci, F.; Avesani, P.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:
21 , Issue: 4 , April 1999
Pages:380 - 384

[\[Abstract\]](#) [\[PDF Full-Text \(116 KB\)\]](#) [IEEE JNL](#)

15 Fuzzy classifier system for edge detection

Chi-Sun Joung; Hoon Kang; Kwee-Bo Sim;
Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. 1999
IEEE International Conference on , Volume: 4 , 12-15 Oct. 1999
Pages:911 - 915 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) [IEEE CNF](#)

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Ricci, F.; Avesani, P.;
 Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:
 21 , Issue: 4 , April 1999
 Pages:380 - 384

[\[Abstract\]](#) [\[PDF Full-Text \(116 KB\)\]](#) **IEEE JNL****62 Gender classification using support vector machines**

Ming-Hsuan Yang; Moghaddam, B.;
 Image Processing, 2000. Proceedings. 2000 International Conference on , Volume:
 2 , 10-13 Sept. 2000
 Pages:471 - 474 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) **IEEE CNF****63 Classification with nonmetric distances: image retrieval and class representation**

Jacobs, D.W.; Weinshall, D.; Gdalyahu, Y.;
 Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:
 22 , Issue: 6 , June 2000
 Pages:583 - 600

[\[Abstract\]](#) [\[PDF Full-Text \(1188 KB\)\]](#) **IEEE JNL****64 Principal manifolds and probabilistic subspaces for visual recognition**

Moghaddam, B.;
 Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:
 24 , Issue: 6 , June 2002
 Pages:780 - 788

[\[Abstract\]](#) [\[PDF Full-Text \(604 KB\)\]](#) **IEEE JNL****65 Application of critical support vector machine to time series prediction**

Raicharoen, T.; Lursinsap, C.; Sanguanbhokai, P.;
Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International Symposium on , Volume: 5 , 25-28 May 2003
Pages:V-741 - V-744 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(318 KB\)\]](#) [IEEE CNF](#)

66 Fast minimization of structural risk by nearest neighbor rule

Karacali, B.; Krim, H.;
Neural Networks, IEEE Transactions on , Volume: 14 , Issue: 1 , Jan. 2003
Pages:127 - 137

[\[Abstract\]](#) [\[PDF Full-Text \(859 KB\)\]](#) [IEEE JNL](#)

67 Using fuzzy methods to model nearest neighbor rules

Yager, R.R.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 32 , Issue: 4 , Aug. 2002
Pages:512 - 525

[\[Abstract\]](#) [\[PDF Full-Text \(478 KB\)\]](#) [IEEE JNL](#)

68 Automatic target detection using multispectral imaging

Karacali, B.; Snyder, W.;
Applied Imagery Pattern Recognition Workshop, 2002. Proceedings. 31st , 16-17 Oct. 2002
Pages:55 - 59

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) [IEEE CNF](#)

69 Hybrid pattern recognition using Markov networks

Gregor, J.; Thomason, M.G.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 15 , Issue: 6 , June 1993
Pages:651 - 656

[\[Abstract\]](#) [\[PDF Full-Text \(540 KB\)\]](#) [IEEE JNL](#)

70 Support vector machines for visual gender classification

Ming-Hsuan Yang; Moghaddam, B.;
Pattern Recognition, 2000. Proceedings. 15th International Conference on , Volume: 1 , 3-7 Sept. 2000
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Pages:503 - 515[\[Abstract\]](#) [\[PDF Full-Text \(721 KB\)\]](#) **IEEE JNL****2 GA-based approaches for finding the minimum reference set for nearest neighbor classification***Nakashirna, T.; Ishibuchi, H.;*Evolutionary Computation Proceedings, 1998. IEEE World Congress on Computational Intelligence., The 1998 IEEE International Conference on , 4-9 May 1998
Pages:709 - 714[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) **IEEE CNF****3 Computer diagnosis of mammographic masses***Velthuizen, R.P.;*Applied Imagery Pattern Recognition Workshop, 2000. Proceedings. 29th , 16-18 Oct. 2000
Pages:166 - 172[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) **IEEE CNF****4 Stable online evolutionary learning of NN-MLP***Zhao, Q.;*Neural Networks, IEEE Transactions on , Volume: 8 , Issue: 6 , Nov. 1997
Pages:1371 - 1378[\[Abstract\]](#) [\[PDF Full-Text \(196 KB\)\]](#) **IEEE JNL**

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Validation of nearest neighbor classifiers

Bax, E.

DEpt. of Math. & Comput. Sci., Richmond Univ., VA, USA;

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Publication Date: Nov. 2000

On page(s): 2746 - 2752

Volume: 46 , Issue: 7

ISSN: 0018-9448

Reference Cited: 20

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Inspec Accession Number: 6800229

Abstract:

This article presents a method to bound the out-of-sample error rate of a **nearest neighbor** classifier. The bound is based only on the examples that comprise the classifier. Thus all available examples can be used in the classifier; no examples need to be withheld to compute error bounds. The estimate used in the bound is an extension of the holdout estimate. The difference in error rates between the holdout classifier and the classifier consisting of all available examples is estimated using truncated inclusion and exclusion

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Reference list:

1, E. Bax, "Validation of voting committees," *Neural Comput.*, vol. 10, no. 4, pp. 975-986, 1998.

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2, E.Bax, "Partition-based and sharp uniform error bounds," *IEEE Trans. Neural Networks*, to be published.

[Buy Via Ask*IEEE]

3, E.Bax, "Validation of average error rate over classifiers," *Pattern Recogn. Lett.*, vol. 19, pp. 127-132, 1998.

[CrossRef] [Buy Via Ask*IEEE]

4, Z. Cataltepe and M. Magdon-Ismail, "Incorporating test inputs into learning," *Advances in Neural Information Processing Systems 10*, M. I.Jordan, M. I.Kearns, and S.Solla, Ed. Cambridge, MA: MIT Press, 1998.

[Buy Via Ask*IEEE]

5, T. M. Cover, "Learning in pattern recognition," *Methodologies of Pattern Recognition*, S.Watanabe, Ed. New York: Academic, 1969, pp. 111-132.

[Buy Via Ask*IEEE]

6, T. M.Cover, "Rates of convergence of nearest neighbor decision procedures," in *Proc. 1st Annu. Hawaii Conf. Systems Theory*, 1968, pp. 413-415.

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7, T. M. Cover and P. E. Hart, "Nearest neighbor pattern classification," *IEEE Trans. Inform. Theory*, vol. IT-13, pp. 21-27, Jan. 1967.

[Buy Via Ask*IEEE]

8, L.Devroye, L.Györfi, and G.Lugosi, *A Probabilistic Theory of Pattern Recognition* New York: Springer-Verlag, 1996.

[Buy Via Ask*IEEE]

9, L. Devroye and T. Wagner, "Distribution-free inequalities for the deleted and holdout error estimates," *IEEE Trans. Inform. Theory*, vol. IT-25, pp. 202-207, Mar. 1979.

[Buy Via Ask*IEEE]

10, J.Franklin, *Methods of Mathematical Economics* New York: Springer-Verlag, 1979, pp. 190-203.

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11, J. Fritz, "Distribution-free exponential error bound for nearest neighbor classification," *IEEE Trans. Inform. Theory*, vol. IT-21, pp. 552-557, Sept. 1975.

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12, L. Györfi, "On the rate of convergence of nearest neighbor rules," *IEEE Trans. Inform. Theory*, vol. IT-24, pp. 509-512, July 1978.

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13, W. Hoeffding, "Probability inequalities for sums of bounded random variables," *Amer. Statist. Assoc. J.*, vol. 58, pp. 13-30, 1963.

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14, H. W. Kuhn and J. W. Tucker, "Nonlinear programming," in *Proc. 2nd Berkeley Symp. Mathematical Statistics and Probability* Berkeley, CA: Univ. Calif. Press, 1950, pp. 481-492.

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15, N. Linial and N. Nisan, "Approximate inclusion-exclusion," *Combinatorica*, vol. 10, no. 4, pp. 349-365, 1990.

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16, R.Motwani and P.Raghavan, *Randomized Algorithms* Cambridge, U.K.: Cambridge Univ. Press, 1995, p. 46.

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17, D. Psaltis, R. Snapp, and S. Venkatesh, "On the finite sample performance of the nearest neighbor classifier," *IEEE Trans. Inform. Theory*, vol. 40, pp. 820-837, May 1994
[Abstract] [PDF Full-Text (1240KB)]

18, W. Rogers and T. Wagner, "A finite-sample distribution-free performance bound for local discrimination rules," *Ann. Statist.*, vol. 6, pp. 506-514, 1978.
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19, V. N. Vapnik, *Statistical Learning Theory* New York: Wiley.
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20, T. J. Wagner, "Convergence of the nearest neighbor rule," *IEEE Trans. Inform. Theory*, vol. IT-17, pp. 566-571, Sept. 1971.
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